



PATENT

Docket No.: 2308/2050 (1620/881/P/US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :	Philip Braithwaite	)	Examiner:
		)	Teena Mitchell
Serial No. :	09/980,999	)	
		)	Art Unit:
Cnfrm. No. :	3300	)	3743
		)	
Filed :	June 5, 2000	)	
		)	
For :	DELIVERY SYSTEM	)	

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.97-1.98

**Mail Stop: RCE**  
Commissioner for Patents  
P.O. Box 1450  
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Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicant hereby brings to the attention of the United States Patent and Trademark Office, the references listed on the attached PTO/SB/08 form.

Pursuant to 37 C.F.R. § 1.98(a)(2)(ii), copies of the cited U.S. patents and patent application publications (i.e., Reference Cite Nos. 1 -117) are not enclosed. Copies of all other listed references (i.e., Reference Cite Nos. 118-169) are enclosed herewith.

Respectfully submitted,

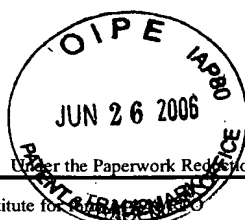
Date: June 20, 2006

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Date	<u>June 20, 2006</u> <u>Ruth R. Smith</u>
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/980,999
				Filing Date	June 5, 2000
				First Named Inventor	Philip Braithwaite
				Art Unit	3743
				Examiner Name	Teena Mitchell
Sheet	1	of	5	Attorney Docket Number	2308/2050 (1620/881/P/US)

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-Des. 389,570	01-20-1998	Savolainen	
	2	US-1,858,735	05-17-1932	Goodsell	
	3	US-2,587,215	02-26-1952	Priestly	
	4	US-3,008,609	11-14-1961	Sessions	
	5	US-3,439,823	04-22-1969	Morane	
	6	US-3,798,054	03-19-1974	Kawata et al.	
	7	US-3,874,381	04-01-1975	Baum	
	8	US-3,876,269	04-08-1975	Fisher et al.	
	9	US-4,047,635	09-13-1977	Bennett, Jr.	
	10	US-4,114,615	09-19-1978	Wetterlin	
	11	US-4,200,099	04-29-1980	Guenzel et al.	
	12	US-4,274,403	06-23-1981	Struve	
	13	US-4,524,769	06-25-1985	Wetterlin	
	14	US-4,534,343	08-13-1985	Nowacki et al.	
	15	US-4,570,630	02-18-1986	Elliott et al.	
	16	US-4,604,847	08-12-1986	Moulding, Jr. et al.	
	17	US-4,624,442	11-25-1986	Duffy et al.	
	18	US-4,627,432	12-09-1986	Newell et al.	
	19	US-4,635,829	01-13-1987	Brittingham, Jr.	
	20	US-4,668,218	05-26-1987	Virtanen	
	21	US-4,811,731	03-14-1989	Newell et al.	
	22	US-4,860,740	08-29-1989	Kirk et al.	
	23	US-4,882,210	11-21-1989	Romberg et al.	
	24	US-4,895,719	01-23-1990	Radhakrishnan et al.	
	25	US-4,907,583	03-13-1990	Wetterlin et al.	
	26	US-4,934,358	06-19-1990	Nilsson et al.	
	27	US-4,950,365	08-21-1990	Evans	
	28	US-5,002,048	03-26-1991	Makiej, Jr.	
	29	US-5,007,419	04-16-1991	Weinstein et al.	
	30	US-5,042,472	08-27-1991	Bunin	
	31	US-5,053,237	10-01-1991	Hendricks et al.	
	32	US-5,064,083	11-12-1991	Alexander et al.	
	33	US-5,067,491	11-26-1991	Taylor, II et al.	
	34	US-5,152,422	10-06-1992	Springer	
	35	US-5,154,326	10-13-1992	Chang et al.	
	36	US-5,161,524	11-10-1992	Evans	
	37	US-5,169,029	12-08-1992	Behar et al.	
	38	US-5,192,528	03-09-1993	Radhakrishnan et al.	
	39	US-5,207,217	05-04-1993	Cocozza et al.	
	40	US-5,208,226	05-04-1993	Palmer	

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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	09/980,999
				Filing Date	June 5, 2000
				First Named Inventor	Philip Braithwaite
				Art Unit	3743
				Examiner Name	Teena Mitchell
Sheet	2	of	5	Attorney Docket Number	2308/2050 (1620/881/P/US)

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		Number - Kind Code <sup>2</sup> (if known)			
	41	US-5,253,782	10-19-1993	Gates et al.	
	42	US-5,263,475	11-23-1993	Altermatt et al.	
	43	US-5,295,479	03-22-1994	Lankinen	
	44	US-5,301,666	04-12-1994	Lerk et al.	
	45	US-5,351,683	10-04-1994	Chiesi et al.	
	46	US-5,409,132	04-25-1995	Kooijmans et al.	
	47	US-5,411,175	05-02-1995	Armstrong et al.	
	48	US-5,415,162	05-16-1995	Casper et al.	
	49	US-5,435,301	07-25-1995	Herold et al.	
	50	US-5,437,267	08-01-1995	Weinstein et al.	
	51	US-5,447,151	09-05-1995	Bruna et al.	
	52	US-5,450,160	09-12-1995	Tianello et al.	
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	57	US-5,551,597	09-03-1996	Lambelet, Jr. et al.	
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	59	US-5,562,918	10-09-1996	Stimpson	
	60	US-5,622,166	04-22-1997	Eisele et al.	
	61	US-5,653,227	08-05-1997	Barnes et al.	
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	73	US-5,881,719	03-16-1999	Gottenauer et al.	
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	78	US-5,941,241	08-24-1999	Weinstein et al.	
	79	US-5,944,660	08-31-1999	Kimball et al.	
	80	US-5,955,439	09-21-1999	Green	

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				Art Unit	3743
				Examiner Name	Teena Mitchell
Sheet	3	of	5	Attorney Docket Number	2308/2050 (1620/881/P/US)

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		Number - Kind Code <sup>2</sup> (if known)			
	81	US-5,981,549	11-09-1999	Viner	
	82	US-6,006,747	12-28-1999	Eisele et al.	
	83	US-6,035,463	03-14-2000	Pawelzik et al.	
	84	US-6,065,472	05-23-2000	Anderson et al.	
	85	US-6,089,227	07-18-2000	Nilsson	
	86	US-6,116,238	09-12-2000	Jackson et al.	
	87	US-6,125,844	10-03-2000	Samiot	
	88	US-6,158,675	12-12-2000	Ogi	
	89	US-6,196,218 B1	03-06-2001	Voges	
	90	US-6,234,167 B1	05-22-2001	Cox et al.	
	91	US-6,240,918 B1	06-05-2001	Ambrosio et al.	
	92	US-6,254,854 B1	07-03-2001	Edwards et al.	
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	94	US-6,324,428 B1	11-27-2001	Weinberg et al.	
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	97	US-6,347,629 B1	02-19-2002	Braithwaite	
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	104	US-6,698,425 B1	03-02-2004	Widerström	
	105	US-6,810,873 B1	11-02-2004	Haikarainen et al.	
	106	US-6,845,772 B2	01-25-2005	Braithwaite et al.	
	107	US-6,926,003 B2	08-09-2005	Seppälä	
	108	US-2003/0075172 A1	04-24-2003	Johnson et al.	
	109	US-2004/0011357 A1	01-22-2004	Braithwaite	
	110	US-2004/0101482 A1	05-27-2004	Sanders	
	111	US-2004/0236282 A1	11-25-2004	Braithwaite	
	112	US-2004/0251318 A1	12-16-2004	Braithwaite	
	113	US-2005/0121023 A1	06-09-2005	Braithwaite	
	114	US-5,617,845	04-08-1997	Poss et al.	
	115	US-5,996,577	12-07-1999	Ohki et al.	
	116	US-2005/0116157 A1	06-26-2003	Braithwaite et al.	
	117	US-2003/0136406 A1	07-24-2003	Seppala	
		US-			
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		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
	118	WO	90/07351	07-12-1990	Schenk et al.	
	119	WO	91/04011	04-04-1991	Riker Laboratories, Inc.	
	120	WO	91/11173	08-08-1991	Fisons PLC	
	121		WO 91/11495	08-08-1991	Boehringer Ingelheim International GMBH	English abstract
	122		WO 91/14422	10-03-1991	Minnesota Mining and Manufacturing Company	
	123	WO	92/00771	01-23-1992	Innovata Biomed Limited	
	124	WO	92/03175	03-05-1992	Fisons PLC	
	125	WO	92/04928	04-02-1992	Pharbita B.V.	
	126		WO 92/09322	06-11-1992	Boehringer Ingelheim International GMBH	
	127	WO	92/18188	10-29-1992	Huhtamäki Oy	
	128	WO	93/00951	01-21-1993	Inhale, Inc.	
	129		WO 93/11746	06-24-1993	Boehringer Ingelheim International GMBH	English abstract
	130	WO	93/16748	09-02-1993	Innovata Biomed Limited	
	131	WO	95/00128	01-05-1995	Astra Aktiebolag	
	132	WO	95/15777	06-15-1995	Survival Technology, Inc.	
	133		WO 97/00399	01-03-1997	Caesarea Medical Electronics Ltd.	
	134	WO	98/31352	07-23-1998	Astra Aktiebolag	
	135	WO	99/12597	03-18-1999	Innovata Biomed Limited	
	136	WO	99/13930	03-25-1999	Glaxo Group Limited	
	137	WO	99/26676	06-03-1999	Medicard Ltd.	
	138	WO	00/12163	03-09-2000	Bespak PLC	
	139		WO 00/45878	08-10-2000	Max-Delbrück-Centrum Für Molekulare Medizin	English abstract
	140	WO	00/64519	11-02-2000	Orion Corporation	
	141	WO	01/17595 A1	03-15-2001	Innovata Biomed Limited	
	142		WO 01/51030 A1	07-19-2001	Dura Pharmaceuticals, Inc.	
	143		WO 01/60341 A1	08-23-2001	Rijksuniversiteit Groningen	
	144		WO 01/87378 A2	11-22-2001	Dura Pharmaceuticals, Inc.	
	145		EP 0 045 522 A2	02-10-1982	Maryland Cup Corporation	
	146		EP 0 079 478 A1	05-25-1983	Miles Laboratories Inc.	

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	147	EP 0 166 294 B1		10-18-1989	Elliott et al.	
	148	EP 0 372 777 B1		01-07-1993	Purewal et al.	
	149	EP 0 424 790 B1		08-04-1993	Cocozza	
	150	EP 0 448 204 B1		04-26-1995	Dessertine	
	151	EP 0 469 814 A1		02-05-1992	Lilly Industries Limited	
	152	EP 0 514 085 B1		11-19-1992	Smith	
	153	EP 0 659 432 A1		06-28-1995	Akzo Nobel N.V.	
	154	EP 0 626 689 B1		11-30-1994	Moriyama et al.	
	155	EP 0 663 815 B1		07-26-1995	Boehringer Ingelheim International. GMBH	English abstract and claims
	156	FR 2 516 387 A		05-20-1983	Fabre	English abstract
	157	FR 2 584 604 A		01-16-1987	Lab Veyron-Froment	English abstract
	158	FR 2 662 936 A		12-13-1991	Glaxo Group Ltd.	English abstract
	159	GB 1 242 211		08-11-1971	Gunning et al.	
	160	GB 2 165 159 A		04-09-1986	Orion-Yhtymä Oy	
	161	GB 2 178 965 A		02-25-1987	Glaxo Group Ltd.	
	162	GB 2 041 763 A		09-17-1980	Chiesi et al.	
	163	GB 2 235 753 A		03-13-1991	Cooper	
	164	GB 2 248 400 A		04-08-1992	United Kingdom Atomic Energy Authority	
	165	DE 197 57 207 A1		06-24-1999	Astrazeneca AB	English abstract
	166	DE 14 98 398		01-30-1969	Norton Company	
	167	DE 23 46 730 A		04-17-1975	Carl Heyer GMBH	English abstract
	168	DE 32 43 731 A		05-30-1984	Gambetta	English abstract

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	169	GERRITY, T.R., "Pathophysiological and Disease Constraints on Aerosol Delivery," Chapter 1, <i>Respiratory Drug Delivery I</i> , ed. Byron, P.R., CRC Press, pp.1-38 (1990)	

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